



NAS NARROW AISLE SAFETY

PRODUCT OVERVIEW



PROTECTING PEOPLE, PROPERTY, AND PROCESSES.



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Troax is a global developer and manufacturer of steel mesh panels for Machine Guarding, Warehouse Partitioning and Property Protection. This brochure presents our solutions for the market segment Warehouse Partitioning. Our business concept is to develop innovative steel mesh panel solutions to protect people, property and processes. Our lightweight but strong mesh panels can be combined into unique solutions and are built to withstand the toughest tests and environments. Read more about our systems at www.troax.com

NAS SOLUTION

FOR MORE THAN 65 YEARS WE HAVE BEEN DEVELOPING INNOVATIVE STEEL MESH PANEL SOLUTIONS FOR MACHINE GUARDING, WAREHOUSE PARTITIONING, AND PROPERTY PROTECTION. TODAY WE ARE THE MARKET LEADER, AND OUR PRODUCTS CAN BE FOUND ALL OVER THE WORLD – PROTECTING PEOPLE, PROPERTY AND PROCESSES.

THIS IS TROAX



At Troax, we have a rich history of protecting people, property and processes. Since 1955, we have been at the forefront of developing safety solutions with a drive to maintain innovative and top quality products. We have consistently built the organisation and produced innovative products to lead the global market in delivering solutions to enhance protection and security. Our culture of protecting what's important has driven our organisation forward.

- **MAKING YOUR WORLD SAFE**
- **MARKET LEADING**
- **GLOBAL DISTRIBUTORS**

WHAT IS ACTIVE SAFETY?

In workplace safety, two key strategies emerge:

Active Safety employs advanced technologies to proactively detect and address potential hazards in real-time. It promotes safety awareness and prevents accidents when physical barriers are not suitable.

Passive Safety uses physical barriers and safeguards to separate employees from hazards. These static protections, like guardrails, offer a physical shield where applicable. By combining Active and Passive Safety, companies create tailored safety approaches for a secure work environment.

Our approach is built upon 4 main pillars:



REDUCING ACCIDENTS

By implementing our active safety solutions, companies can significantly reduce the risk of accidents. These systems provide real-time alerts and warnings, helping to prevent collisions and incidents that can lead to injuries or damage.



SAVING LIVES

The ultimate goal of our products is to save lives. By investing in these systems, companies can protect their workforce from serious harm and create a workplace where employees can feel secure and confident in their safety.



ENHANCING WORKPLACE SAFETY

Our active safety products are purpose-built to enhance safety in the workplace. They employ cutting-edge technology to identify and mitigate potential hazards, creating a safer environment for all employees.



FOSTERING A SAFETY CULTURE

Our solutions foster a culture of safety awareness and prevention. They encourage employees to be more vigilant and proactive in identifying and avoiding risks, ultimately reducing the likelihood of accidents.



DESCRIPTION

The **NAS solution** is designed to alert drivers and pedestrians working in narrow aisles.

Through light signals, different specific alerts can be provided to indicate whether the aisle is occupied or free to navigate.

Projections and traffic lights can be used to warn if the aisle is occupied by a pedestrian, a forklift, or in the case of multiple adjacent aisles, whether they are both operating simultaneously.



VAS projector is one of the elements used in **NAS solutions**. It projects different light signals to indicate occupied aisle, such as exemplified above.

HOW DOES IT WORK?

Forklifts are equipped with devices enabling detection.

When these devices are detected by sensors, a signal is generated to either a projector installed in the aisle or a traffic light shows priority of passage.

Pedestrians must wear a personal tag to be detected.

As long as the forklifts or pedestrians are equipped with the detection devices remains in the aisle, the signal will indicate their presence to other vehicles or pedestrians approaching the specific area.

SAFEYU

MAKING LOGISTICS SAFER AND SMOOTHER

Safeyu is a modern, practical, and powerful cloud-solution designed for logistics companies to enhance worker safety and minimise risks. Our range of products records all activities, which can be conveniently monitored through the Safeyu platform helping you make smart decisions.

INSIGHTS MADE CLEAR

The Safeyu platform shows helpful graphs that breaks down things like accidents, potential problems, and device status. It gives you an overview and valuable statistics that will enable you to identify risk areas within your location. It also gives you information on door and gate traffic and pedestrian identification. In short, it provides you with a safety scoreboard that will ultimately help you craft the ideal safety strategy.



AREAS OF APPLICATION

- Highly trafficked forklift areas.
- Industrial spaces.
- Warehouse corridors.
- Low visibility areas.
- In general, in any area where forklifts and pedestrians co-exist.

BENEFITS OF THE NAS

- Reduces risk of accidents.
- No need for direct actions.
- It easily complements other safety systems.
- Durable and robust components.
- Manages right of way protocols.

SOLUTION EXAMPLES



NAS (Narrow aisle system) solution with projection light signals.



NAS (Narrow aisle system) solution with traffic lights.

COMPLETE WAREHOUSE SOLUTIONS

ACTIVE SAFETY IN YOUR WAREHOUSE

Our active safety products are purpose-built to enhance safety in the workplace. They employ cutting-edge technology to identify and mitigate potential hazards, creating a safer environment for all employees. Keeping a warehouse safe is a multifaceted

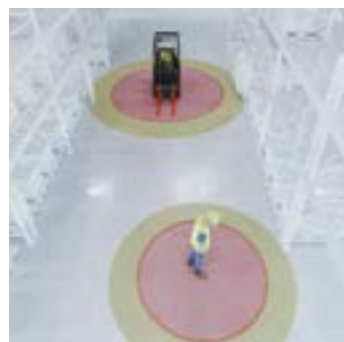
effort that requires continuous attention to training, equipment maintenance, proper organization, and comprehensive safety measures. Equipment maintenance is another crucial aspect. Regular inspections and upkeep of machinery, forklifts, and storage racks prevents accidents caused by malfunctioning equipment.



→ BLIND SPOT



→ VISUAL ALERT SYSTEM



→ PEDESTRIAN ALERT SYSTEM



→ NARROW AISLE SYSTEM



→ COLLISION AVOIDANCE SYSTEM



→ CROSSING GUARD SYSTEM



→ TRUCK DOCKING SYSTEM



→ LOW SPEED AREA



→ TRAFFIC CONTROL SYSTEM



→ PEDESTRIAN CROSSING SYSTEM

A SAFER TOMORROW
■ SINCE 1955 →

TROAX®